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Ivan Masár, UTB

Otevřené repozitáře 2017, Brno

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v oblasti publikovaných výstupov / publikačného procesu

- zakladanie záznamov do repozitára, OBD
- PlumX
- identifikátory autorov
 - ResearcherID
 - ORCID
- opravy v Scopus, WoS
- profily autorov

goo.gl/X4ynYL



Tomas Bata University in Zlín

PlumX

- Plum Analytics (2011) -> EBSCO (2014) -> Elsevier (2017)
- "altmetrics"
 - doplnenie tradičných metrík založených na citáciách (napr. IF)
- kategórie metrík

USAGE ^	560	CAPTURES ^	65	MENTIONS ^	3
Abstract Views ☉	398	Readers ☉	47	Blog Mentions ☉	3
EBSCO	204	Mendeley	47	www.ncbi.nlm.nih.gov	2
DSpace	194	Exports-Saves ☉	18	dx.doi.org	1
PDF Views ☉	67	EBSCO	18		
EBSCO	67				
HTML Views ☉	61				
EBSCO	61	SOCIAL MEDIA ^	20	CITATIONS ^	32
Downloads ☉	24	Shares, Likes & Comments ☉	15	Citation Indexes ☉	32
DSpace	24	Facebook	15	Scopus	32
Link-outs ☉	8	Tweets ☉	5	PubMed Central	5
EBSCO	8	www.mdpi.com	3		
Clicks ☉	2	www.mdpi.com	1		
Bitly	1	www.mdpi.com	1		

PlumX – typ publ. výstupu

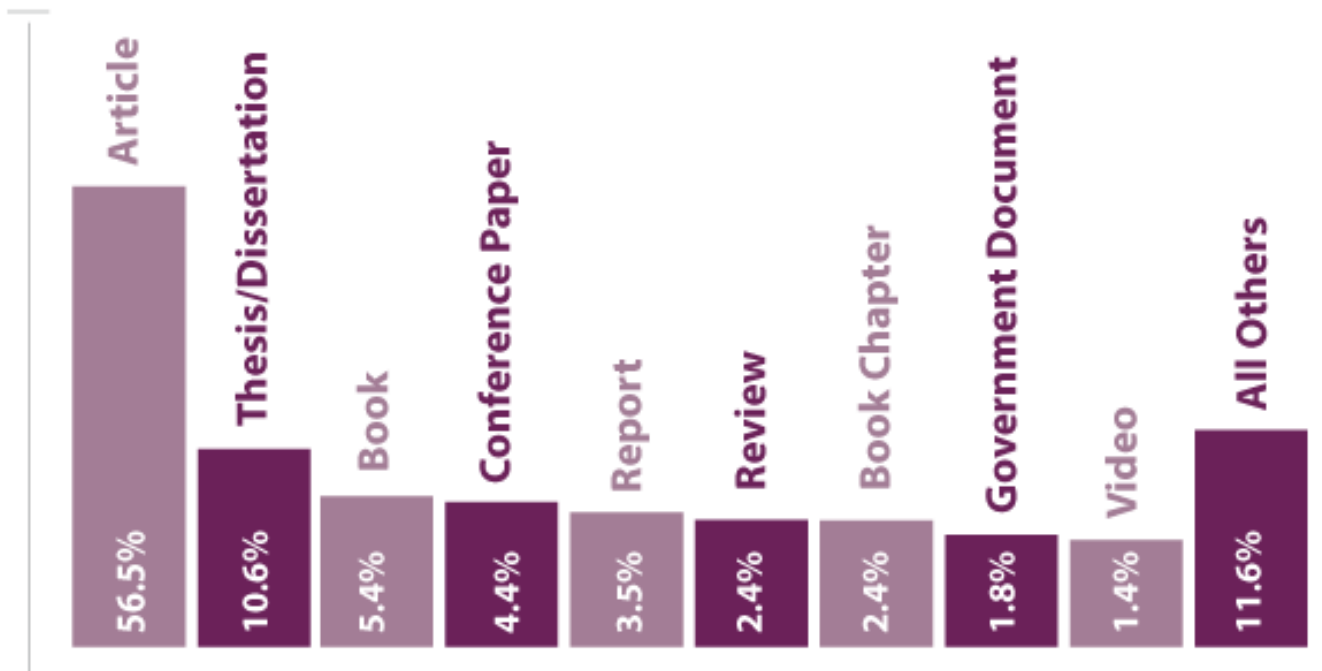
- artifacts: ~70 typov

What is Research Output?

There are
67
ARTIFACT
TYPES

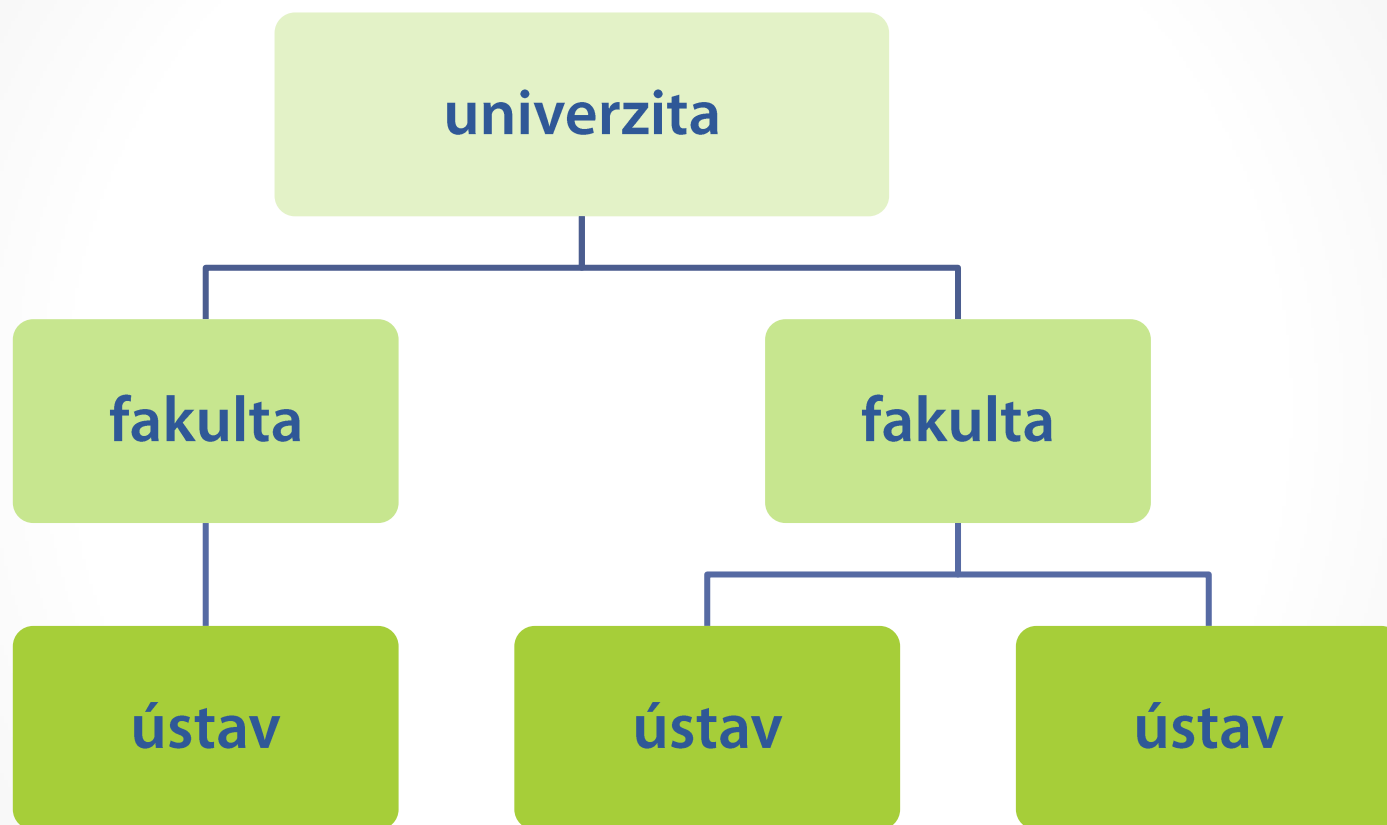
Research output is
more than articles.

Measure
it ALL



PlumX Customers' Research by Type

PlumX - skupiny



PlumX - skupina



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Links: Website

Artifact Summary

2632



Article

1819



Conference

562



Chapters

191



Book

169



Patent

Researchers

Add Existing Researcher Add New Researcher

Showing 50 of 991



Narrow by



Add Subgroup

Showing 9 of 9

- Faculty of Applied Informatics
- Faculty of Humanities
- Faculty of Logistics and Crisis Management
- Faculty of Management and Economics
- Faculty of Multimedia Communications
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- Rectorate

PlumX - skupina



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- Rectorate
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All (5614)

Article (2632)

Conference Paper (1819)

Book Chapter (562)

Book (191)

Patent (169)

Export Data

Code / Software (141)

Review (45)

Other (42)

Research Artifact (4)

Abstract (3)

Paper (2)

Lecture / Presentation (2)

Poster (1)

Thesis / Dissertation (1)

Filter...

Analytics

Impact by Type: All



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Year ▾	Title	Type	All				
			Captures +	Citations +	Social Media +	Mentions +	Usage +
2017	Contribution of individual phenolics to antioxidant activity and in vitro digestibility of wild rices (<i>Zizania aquatica</i> L.).	Article	8		1		567
2017	Analysis and selection of a regression model for the Use Case Points method using a stepwise approach	Article	8		1		33
2017	Properties of spreadable processed Mozzarella cheese with divergent compositions of emulsifying salts in relation to the applied cheese storage period	Article	4				164
2017	A novel multistep method for chondroitin sulphate immobilization and its interaction with fibroblast cells.	Article			2		45
2017	Antimicrobial activity and cytotoxicity of cotton fabric coated with conducting polymers, polyaniline or polypyrrole, and with deposited silver nanoparticles	Article	6				64
2017	Hyaluronan polymeric micelles for topical drug delivery.	Article	6				116
2017	Power generation capacity planning under budget constraint in developing countries	Article	10				85
2017	Synthesis, spectroscopic characterization and DFT calculations of monohydroxyalkylated derivatives of 1-phenyl-2H,6H-imidazo[1,5-c]quinazoline-3,5-dione	Article	2	1			64

PlumX - analýzy

Artifacts by Publication
Year

Researchers Overview

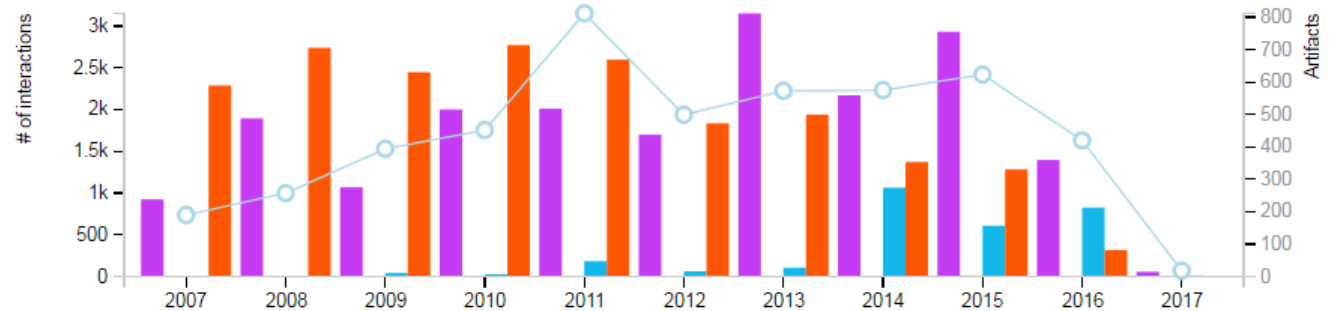
Subgroups Overview

Artifacts Overview

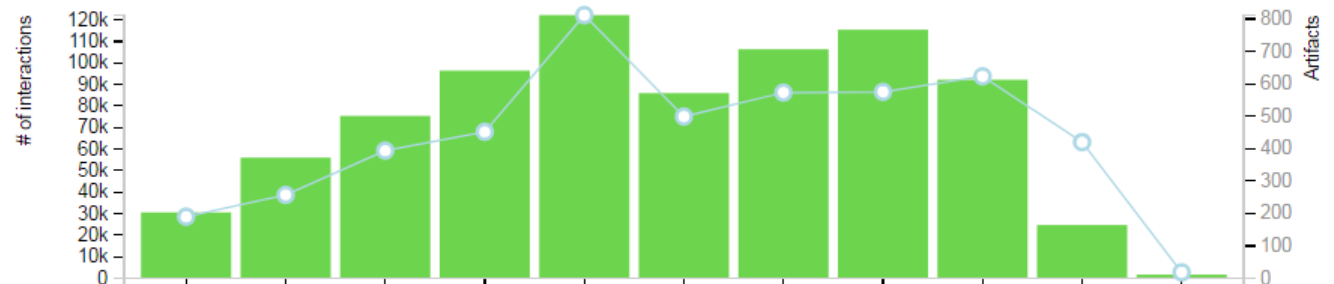
Productivity

Sunburst

Metrics by publication year

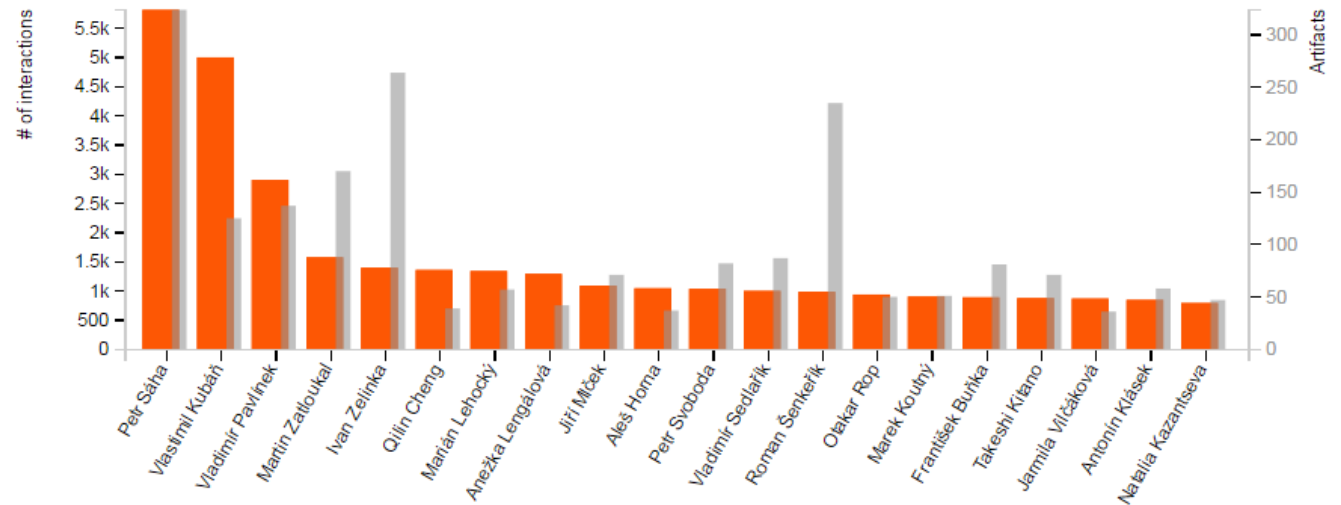


Usage by publication year



PlumX - analýzy

Citations



PlumX - analýzy

Researcher's Publication

Year

Researchers Overview

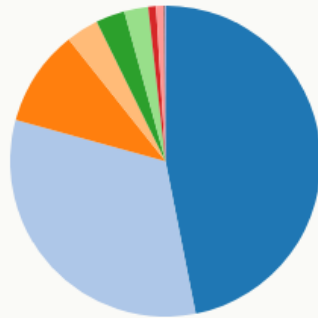
Subgroups Overview

Artifacts Overview

Productivity

Sunburst

Top 14 Artifact Types across Researchers, Sub-Groups, and Grants



ARTIFACT TYPES:

Select an artifact type for more information

Article	2632
Conference Paper	1819
Book Chapter	562
Book	191
Patent	169
Code / Software	141
Review	45
Other	42
Research Artifact	4

ARTIFACT TYPE:

Article

46.88% of total

2632 artifacts

Top 5 researchers

Petr Sába	240	Vlastimil Kubáň	118
David Mañas	108		
Vladimír Pavlíněk	106		
Miroslav Mañas	102		

Top 5 subgroups

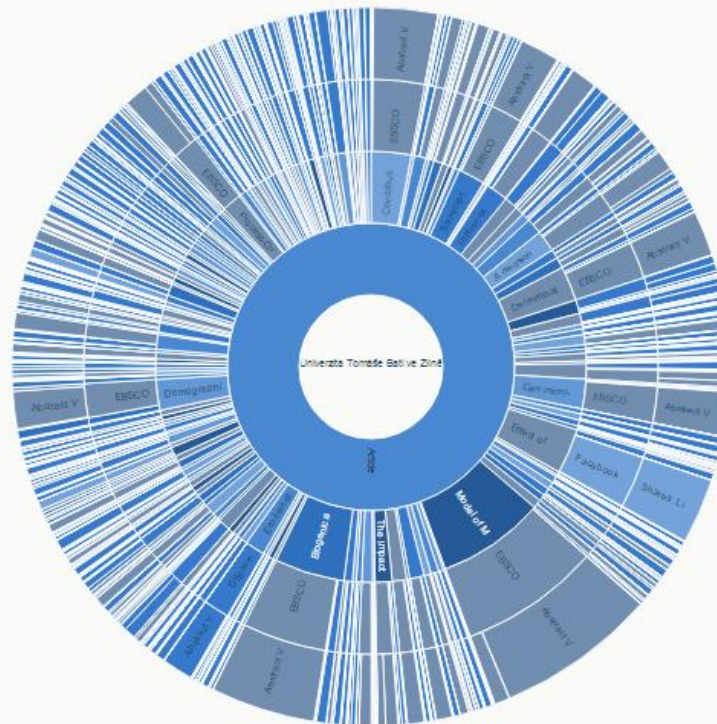
Faculty of Technology	1636
Faculty of Applied Info...	453
Faculty of Managemen...	332
University Institute	289

PlumX - analýzy

Artifacts Overview

Productivity

Sunburst



Model of Market Orientation of High-Tech Firms in Germany: Validation Study

Author(s): Jangl, Patrik

USAGE

DSpace - Abstract Views: 22

DSpace - Downloads: 3

EBSCO - Abstract Views: 1374

EBSCO - HTML Views: 131

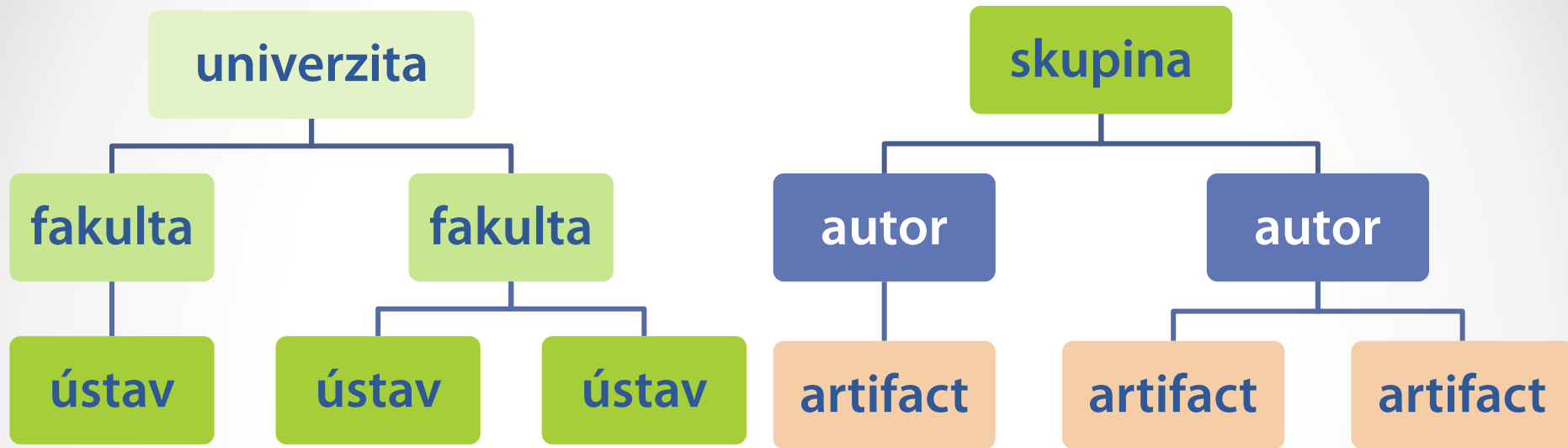
EBSCO - Link-outs: 2

CAPTURES

EBSCO - Exports-Saves: 2

Mendeley - Readers: 7

PlumX – dátový model



- problém: príslušnosť k organizačnej jednotke
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- => chybné zaradené články
- autori na viacerých fakultách, ústavoch

PlumX – autor



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Anežka Lengálová

[Fakulta](#), [ResearcherID](#), [DSpace Author](#)

Researcher from:

[Faculty of Humanities](#)

Artifact Summary

35



[Article](#)

6



[Conference](#)

1



[Review](#)

All (42)

Article (35)

Conference Paper (6)

Review (1)

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Researcher from:

[Faculty of Humanities](#)

Artifact Summary

35



Article

6



Conference

1



Review

All (42)

Article (35)

Conference Paper (6)

Review (1)

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Impact by Type: All

PlumX – autor



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Groups ▾

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Year ▾	Title	Type	All			
			Captures +	Citations +	Social Media +	Usage +
2015	Communication In English - A Must For A Phd Student	Conference Paper				36
2015	From The Beginner To The Mentor	Conference Paper				82
2013	A Pressure Sensing Conductive Polymer Composite with Carbon Nanotubes for Biomechanical Applications	Article	1			110
2011	Effect of compressive strain on electric resistance of multi-wall carbon nanotube networks	Article	4	11		1889
2011	Compressive stress-electrical conductivity characteristics of multiwall carbon nanotube networks	Article	16	29		604
2011	Multi-wall carbon nanotube networks as potential resistive gas sensors for organic vapor detection	Article	37	63		472

PlumX – autor



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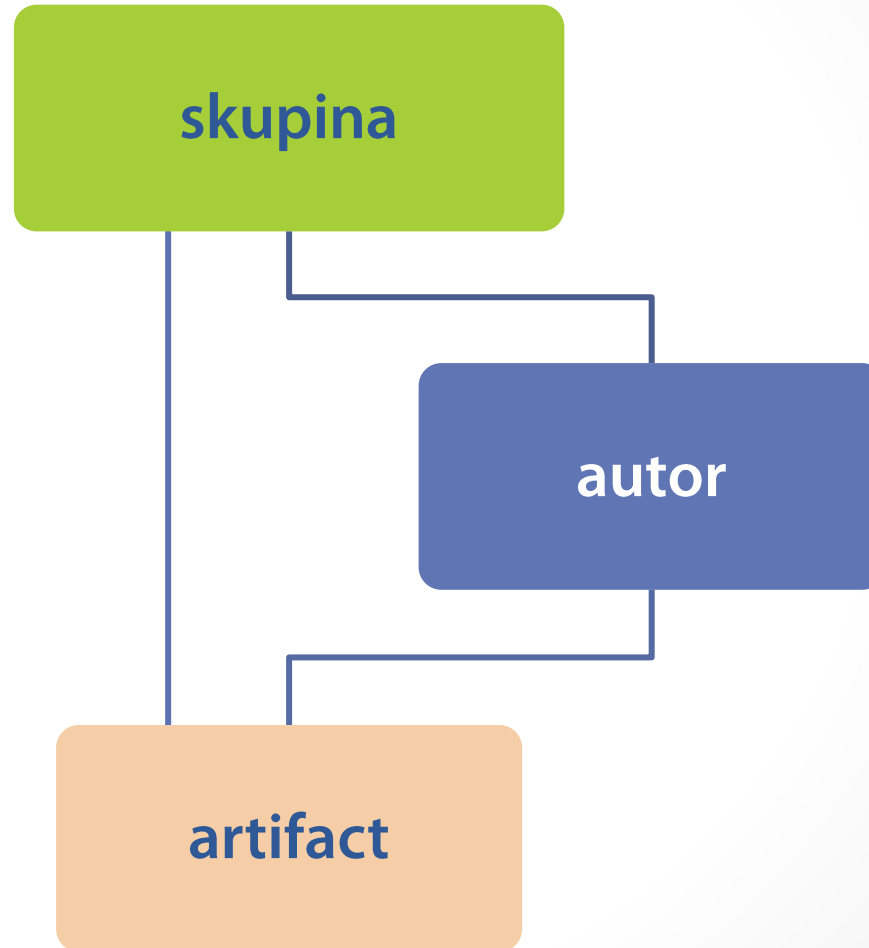
Groups ▾

Welcome utbcz ▾



Year ▾	Title	Type	All			
			Captures +	Citations +	Social Media +	Usage +
2015	Communication In English - A Must For A Phd Student	Conference Paper				36
2015	From The Beginner To The Mentor	Conference Paper				82
2013	A Pressure Sensing Conductive Polymer Composite with Carbon Nanotubes for Biomechanical Applications	Article	1			110
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2011	Compressive stress-electrical conductivity characteristics of multiwall carbon nanotube networks	Article	16	29		604
2011	Multi-wall carbon nanotube networks as potential resistive gas sensors for organic vapor detection	Article	37	63		472

správný model



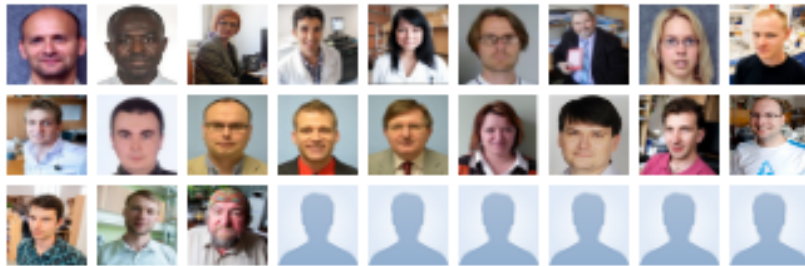
widget - skupina



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Zlíně



Researchers



Artifact Summary

Article: 2632	Other: 42
Conference Paper: 1819	Research Artifact: 4
Book Chapter: 562	Abstract: 3
Book: 191	Paper: 2
Patent: 169	Lecture / Presentation: 2
Code / Software: 141	Poster: 1
Review: 45	Thesis / Dissertation: 1

Recent Artifacts

- Properties of spreadable processed Mozzarella cheese with divergent compositions of emulsifying salts in relation to the applied cheese storage period
- Contribution of individual phenolics to antioxidant activity and in vitro digestibility of wild rices (*Zizania aquatica* L.).
- Analysis and selection of a regression model for the Use Case Points method using a stepwise approach
- The effect of selected processing parameters on viscoelastic properties of model processed cheese spreads
- Antimicrobial activity and cytotoxicity of cotton fabric coated with conducting polymers, polyaniline or polypyrrole, and with deposited silver nanoparticles

[see details](#)

widget - autor



Petr Humpolíček

doc. Ing. Petr Humpolíček, Ph.D.

Artifact Summary

-  Article: 53
-  Book Chapter: 1
-  Patent: 5
-  Conference Paper: 1

Recent Artifacts

- ✱ **Antimicrobial activity and cytotoxicity of cotton fabric coated with conducting polymers, polyaniline or polypyrrole, and with deposited silver nanoparticles**
- ✱ **On the cytotoxicity of poly(4-aminodiphenylaniline) powders: Effect of acid dopant type and sample posttreatment**
- ✱ **A novel multistep method for chondroitin sulphate immobilization and its interaction with fibroblast cells.**
- ✱ **Developing a biomaterial interface based on poly(lactic acid) via plasma-assisted covalent anchorage of d-glucosamine and its potential for tissue regeneration.**
Adhesion, Proliferation and Migration of NIH/3T3 Cells on Modified Polyaniline Surfaces.

[see details](#)

widget - artifact

Abstract: gaseous oxygen plasma sterilization were used. Three different nanotube diameters; 15 nm, 50 nm and 100 nm were employed to study the effects of various sterilization techniques. It was observed that autoclave sterilization resulted in destruction of nanotubular features on all three studied nanotube diameters, while UV-light and both kinds of plasma sterilization did not cause any significant morphological changes on the surfaces. Differences between the sterilization techniques employed influenced cytocompatibility, especially in the case of nanotubes with 100 nm diameter. © 2016 Elsevier B.V.

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Usage	Captures	Social Media	Citations
Bitly - Clicks: 6 DSpace - Abstract Views: 59 DSpace - Downloads: 1 EBSCO - Abstract Views: 222 EBSCO - Link-outs: 3	EBSCO - Exports-Saves: 3 Mendeley - Readers: 11	Facebook - Shares, Likes & Comments: 5 Google+ - +1s: 1 Twitter - www.sciencedirect.com: 2	Scopus - Citation Indexes: 2

Files in this item



Name: Fulltext_1006232.pdf
Size: 1.823Mb
Format: PDF
Description: fulltext

<http://publikace.k.utb.cz/handle/10563/1006232>

PlumX – import dát

- hierarchia skupín
 - ORCID, VIVO
 - DSpace, Bepress Digital Commons, EPrints
 - Pure
- profily autorov
 - EPrints, DSpace, Fedora Commons
 - Pure
 - Harvard Profile System
 - Bepress Digital Commons/Selected Works
 - DiVA
 - iné CRIS systémy
- API, CSV, ručne cez webové rozhranie

PlumX – napojenie na repozitár

- DOI, handle
- štatistiky z DSpace
 - zobrazenie
 - stiahnutie



Usage

DSpace - Abstract Views: 213

DSpace - Downloads: 39

EBSCO - Abstract Views: 338

EBSCO - PDF Views: 8

EBSCO - HTML Views: 6

Captures

EBSCO - Exports

Mendeley - Reads



PlumX API

- **autentifikácia**
 - tajný token v URL
- **odpoved'**
 - JSON (možný formátovaný výstup)
 - určený na zobrazovanie
- **model**
 - artifact (iba GET)
 - skupina, autor (GET, PUT, DELETE)
- **nedostatky**
 - neumožňuje vyhľadávanie
 - obmedzené možnosti úprav
 - neumožňuje mazanie artifacts



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 - ResearcherID
 - ORCID
- opravy v Scopus, WoS
- profily autorov



ResearcherID

- dobrá podpora
- dobré inštitucionálne nástroje
 - dávkové vytváranie používateľov
- zoznam publikácií autora
 - import len z WoS alebo zo súborov .ris
- používame od 2011 – od vtedy sa nevyvíja
- Thomson Reuters je zakladajúcim členom ORCID (2009)

RESEARCHERID



THOMSON REUTERS

ORCID

- v 2011 nevyzeral použiteľný, ale dnes na vzostupe
- inštitucionálne funkcie
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uprednostňuje, aby si autori sami spravovali účet
- členstvo, poplatky
- funkcie: verejné / pre členov
- Search and Link
 - Scopus
 - Web of Science (chýba; len prostredníctvom ResearcherID)
 - CrossRef



ORCID - autentifikácia

- poskytovateľ služieb
 - Shibboleth
 - federácia EduGAIN



- poskytovateľ identity

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ORCID API

- XML, JSON
- poštová konferencia orcid-api-users
- my API využívame na
 - získanie overeného ORCID iD (autor sa prihlási)
 - import publikácií autora do ORCID z repozitára
- náš cieľ: jednoduchý workflow



ORCID

- odporúčania
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 - pozor na duplicity ID
- dôležité chýbajúce funkcie:
 - Web of Science v Search and Link
 - vyhľadávanie podľa inštitúcie
 - Organization Identifiers Working Group
- zaujímavé nové funkcie:
 - deduplikácia záznamov z viacerých zdrojov
 - Auto-Update publikácií do ORCID z Crossref/DataCite (registračných agentúr DOI)



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ostatné identifikátory sú naň naviazané



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 - vymenené meno a priezvisko
 - afiliácia
- Scopus
 - "Request author detail corrections" na stránke autora
- WoS
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Author History

Publication range: 1986 - Present

References: 5557


Source history:

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Croatica Chemica Acta [View documents](#)

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Ethyl([{acryloyl(furan-2-ylmethyl)amino]acetyl)amino)acetate

Ganesh, S.D., Saha, N.,
Zuckermann, R.N., Sáha, P.

2017 MolBank
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1 of 1

Synthesis and Antibacterial Activity of Some Heterocyclic Chalcone Analogues Alone and in Combination with Antibiotics

By: Tran, TD (Thanh-Dao Tran)^[1]; Nguyen, TTN (Thi-Thao-Nhu Nguyen)^[1]; Do, TH (Tuong-Ha Do)^[2]; Huynh, TNP (Thi-Ngoc-Phuong Huynh)^[1]; Tran, CD (Cat-Dong Tran)^[3]; Thai, KM (Khac-Minh Thai)^[1]

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MOLECULES

Volume: 17 Issue: 6 Pages: 6684-6696

DOI: 10.3390/molecules17066684

Published: JUN 2012

[View Journal Information](#)

Abstract

A series of simple heterocyclic chalcone analogues have been synthesized by Claisen Schmidt condensation reactions between substituted benzaldehydes and heteroaryl methyl ketones and evaluated for their antibacterial activity. The structures of the synthesized chalcones were established by IR and H-1-NMR analysis. The biological data shows that compounds p(5), f(6) and t(5) had strong activities against both susceptible and resistant Staphylococcus aureus strains, but not activity against a vancomycin and methicillin resistant Staphylococcus aureus isolated from a human sample. The structure and activity relationships confirmed that compounds f(5), f(6) and t(5) are potential candidates for future drug discovery and development.

Keywords

Author Keywords: chalcone; heterocyclic chalcone analogues; synthesis; antibacterial; synergistic activity; antibiotics combination; MRSA

KeyWords Plus: RESISTANT STAPHYLOCOCCUS-AUREUS; METHICILLIN-RESISTANT; ANTIOXIDATIVE ACTIVITY; PRENYLATED CHALCONES; DERIVATIVES; CYTOTOXICITY; SUSCEPTIBILITY; FLAVONOIDS

Author Information

Reprint Address: Tran, TD (reprint author)

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E-mail Addresses: tranthanhdao@uphcm.edu.vn; thaonhu1986@yahoo.com; dtuongha@yahoo.com; ngocphuonght@yahoo.com; trancdong@gmail.com; thaikhaacminh@gmail.com

Funding

Funding Agency	Grant Number
Vietnam's National Foundation for Science and Technology Development - NAFOSTED	104.01.105.09

[View funding text](#)

Publisher

MDPI AG, POSTFACH, CH-4005 BASEL, SWITZERLAND

Citation Network

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33 in All Databases

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Desai, Vidya. Novel quinoxaliny chalcone hybrid scaffolds as enoyl ACP reductase inhibitors: Synthesis, molecular docking and biological evaluation. BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, MAY 15 2017.

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